

Amendments to the Claims

This listing of claims will replace all prior versions, and listing, of claims in the application:

Listing of Claims:

1 – 30 Cancelled.

31. (Currently Amended) An emboli capturing system for capturing emboli in a body lumen, comprising:

an elongate member having a proximal end and a distal end;

a flexible emboli capturing device having a distal end, a proximal end, and a proximally opening mouth, the distal end of the emboli capturing device mounted proximate the distal end of the elongate member, the distal end of the elongate member extending distally of the flexible emboli capturing device, the flexible emboli capturing device extending proximally over a portion of the elongate member including a filter portion extending proximally from the mounted distal end of the flexible emboli capturing device to the proximal end thereof to form the proximally opening mouth; and

a hoop-shaped wire frame disposed on the proximally opening mouth of the flexible emboli capturing device.

32. (Previously Presented) The emboli capturing system of claim 31, wherein the frame is slideably disposed about the elongate member.

33. (Previously Presented) The emboli capturing system of claim 31, wherein the frame is attached to the elongate member proximal of where the flexible member is attached.

34. (Previously Presented) The emboli capturing system of claim 31, wherein the frame includes a flexible material.

35. (Previously Presented) The emboli capturing system of claim 31, wherein the frame includes a shape memory alloy.

36. (Previously Presented) The emboli capturing system of claim 31 wherein the frame includes a continuous loop.

37. (New) An emboli capturing system for capturing emboli in a body lumen, comprising:

an elongate member having a proximal end and a distal end;
a flexible emboli capturing device having a distal end, a proximal end, and a proximally opening mouth, the distal end of the emboli capturing device mounted proximate the distal end of the elongate member, the distal end of the elongate member extending distally of the flexible emboli capturing device, the flexible emboli capturing device including a conical-shaped filter portion extending proximally from the mounted

distal end of the flexible emboli capturing device to the proximal end thereof to form the proximally opening mouth; and

 a hoop-shaped wire frame disposed on the proximally opening mouth of the flexible emboli capturing device, the wire frame being slideably disposed about the elongate member.

38. (New) The emboli capturing system of claim 37, wherein the frame is attached to the elongate member proximal of where the flexible member is attached.

39. (New) The emboli capturing system of claim 37, wherein the frame includes a flexible material.

40. (New) The emboli capturing system of claim 37, wherein the frame includes a shape memory alloy.

41. (New) The emboli capturing system of claim 37 wherein the frame includes a continuous loop.